

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102755.D
 Acq On : 5 Feb 2018 23:57
 Operator : SJ/JU
 Sample : PB106322BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 02:37:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

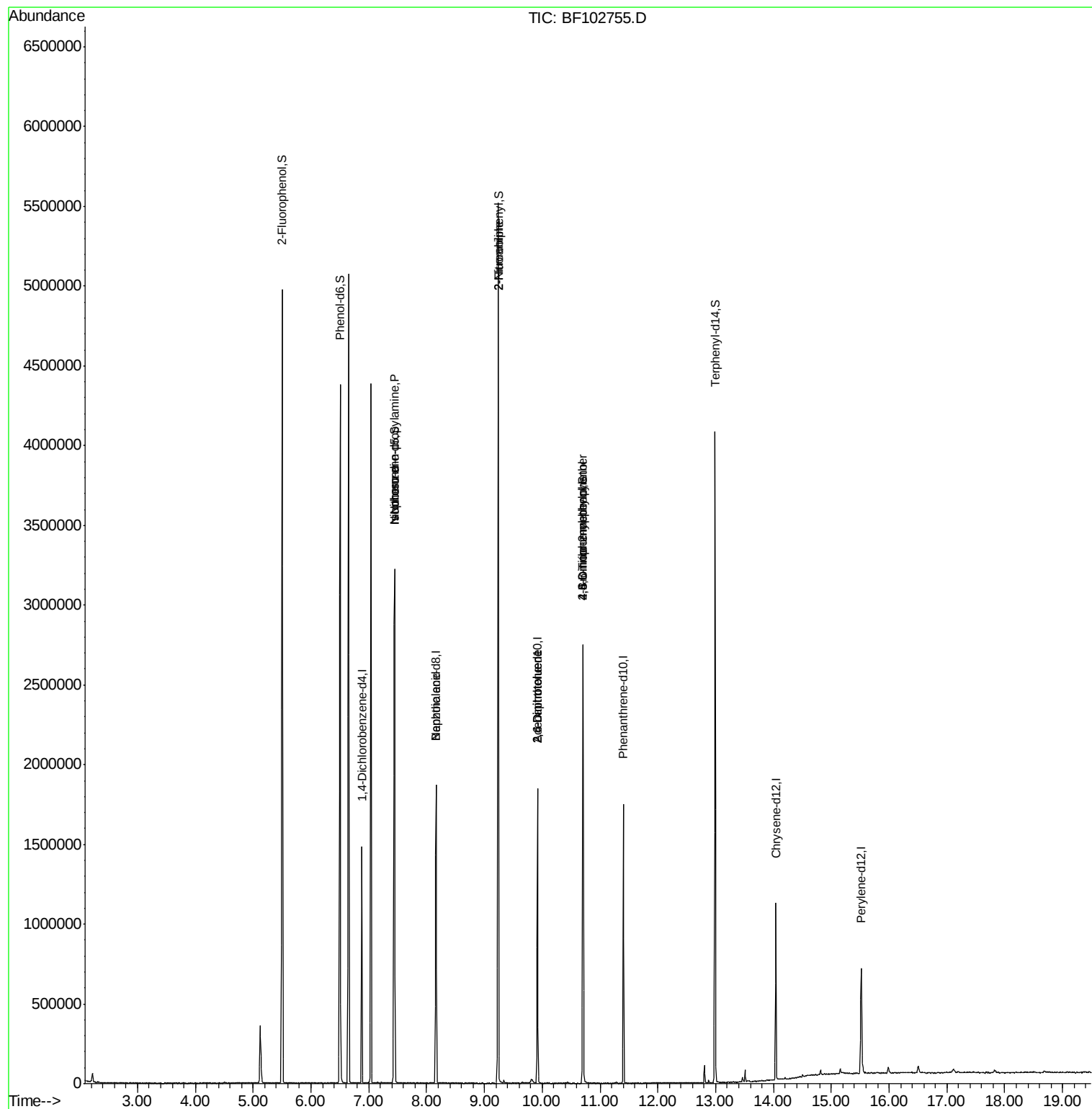
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	198358	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	821443	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	356650	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	557088	20.00	ng	0.00
75) Chrysene-d12	14.04	240	332544	20.00	ng	-0.01
86) Perylene-d12	15.52	264	304375	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1535776	117.58	ng	0.01
7) Phenol-d6	6.51	99	1799068	114.40	ng	0.00
23) Nitrobenzene-d5	7.45	82	1133432	95.72	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	345563	120.38	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1907549	88.75	ng	0.00
78) Terphenyl-d14	12.99	244	1374961	97.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	153385	14.793	ng	# 80
25) Isophorone	7.45	82	1131239	41.488	ng	# 64
32) Benzoic acid	8.16	122	114	8.556	ng	# 1
47) 2-Nitroaniline	9.24	65	3390	3.903	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	45782	8.653	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	45782	9.114	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.71	198	886	9.146	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	22594	3.834	ng	# 1

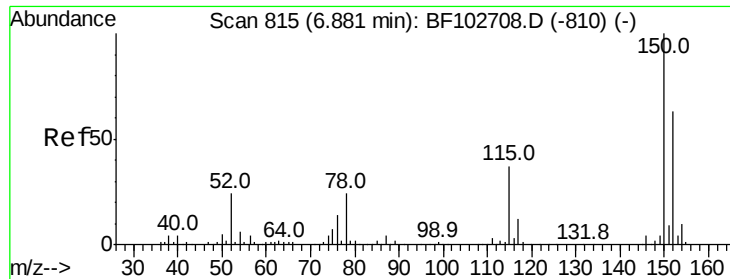
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102755.D
Acq On : 5 Feb 2018 23:57
Operator : SJ/JU
Sample : PB106322BL
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 06 02:37:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration



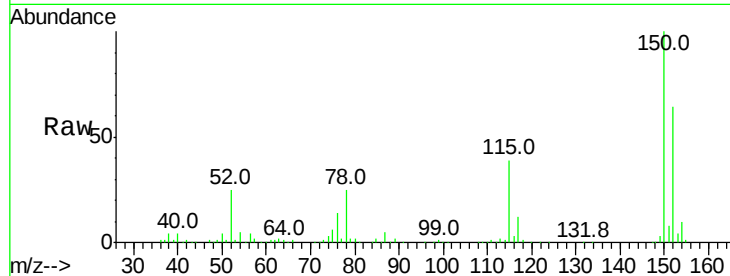


#1

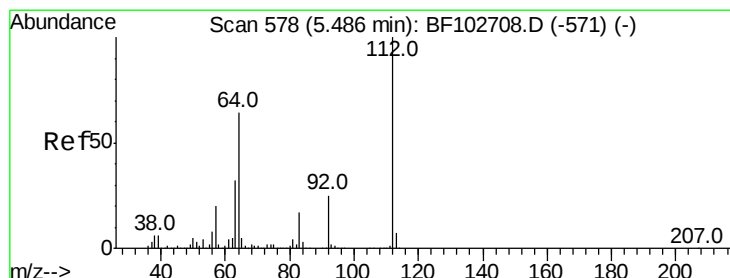
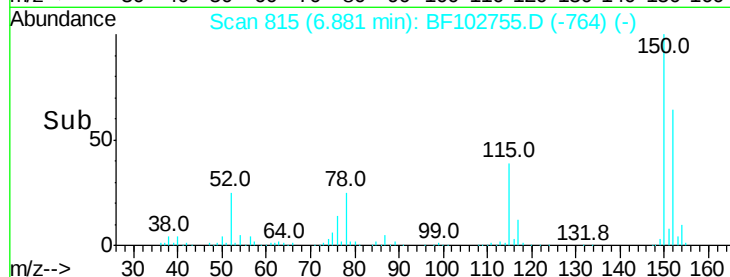
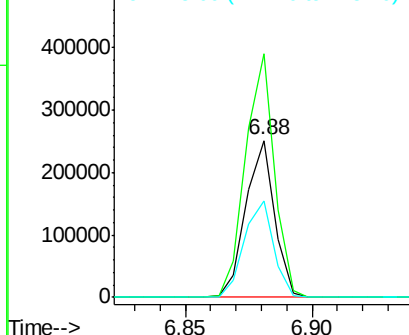
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102755.D
Acq: 5 Feb 2018 23:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 198358
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 61.3 50.1 75.1



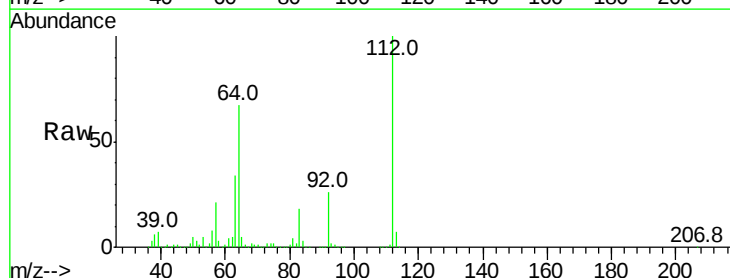
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



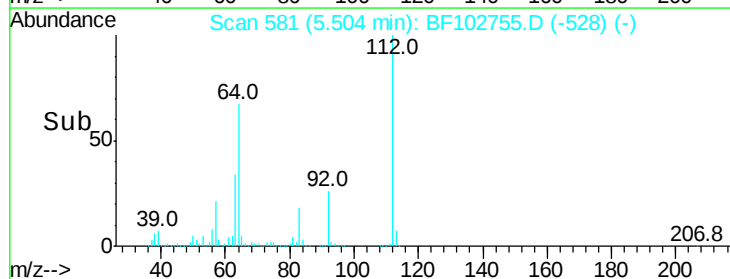
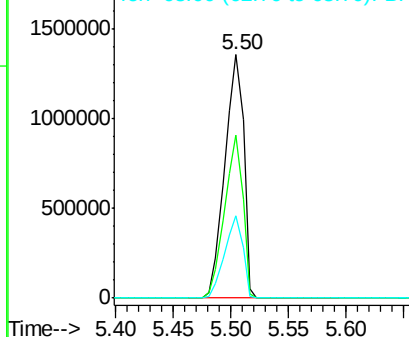
#5

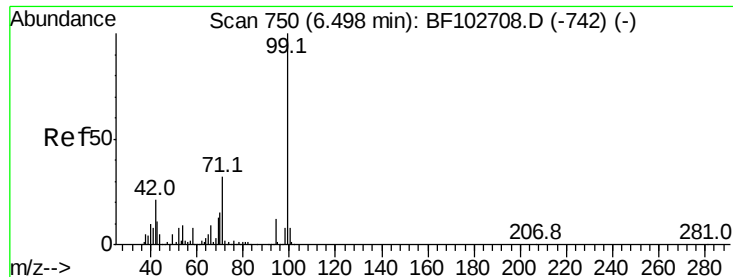
2-Fluorophenol
Concen: 117.582 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102755.D
Acq: 5 Feb 2018 23:57

Tgt Ion:112 Resp: 1535776
Ion Ratio Lower Upper
112 100
64 67.0 47.9 71.9
63 33.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.396 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

Instrument :

BNA_F

ClientSampleId :

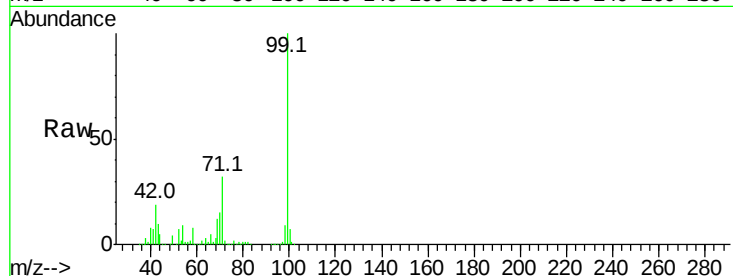
Tot Ion: 99 Resp: 1799068

Ion Ratio Lower Upper

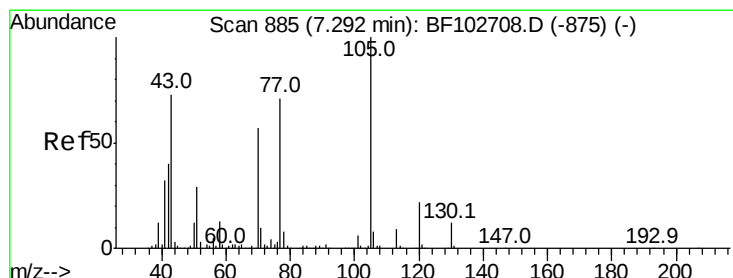
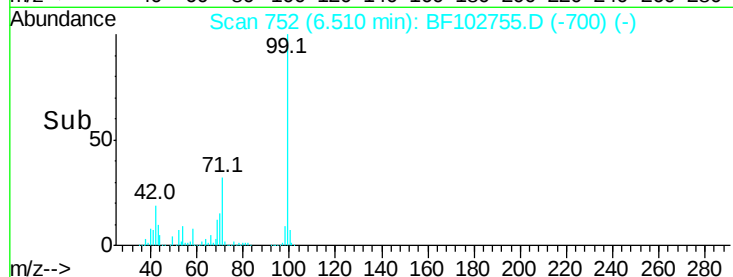
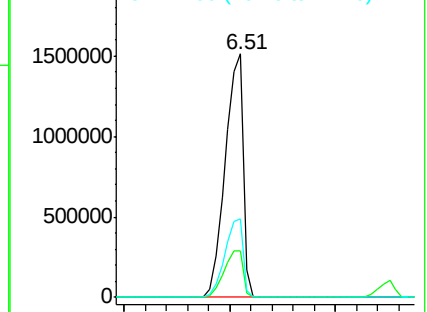
99 100

42 19.1 14.5 21.7

71 32.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.793 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

Tgt Ion: 70 Resp: 153385

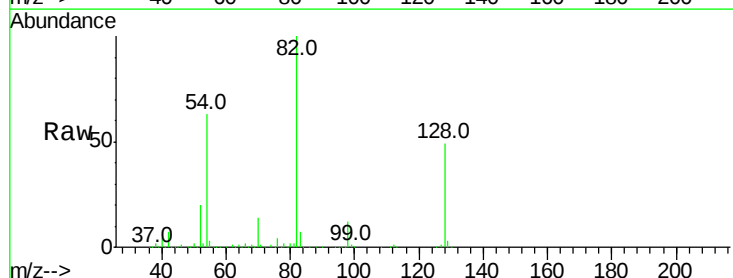
Ion Ratio Lower Upper

70 100

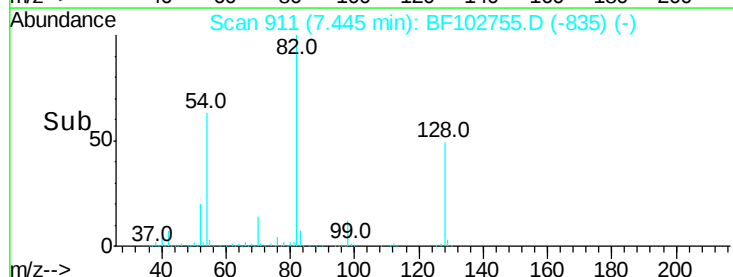
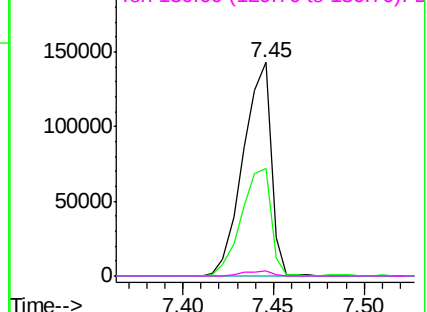
42 50.6 47.5 71.3

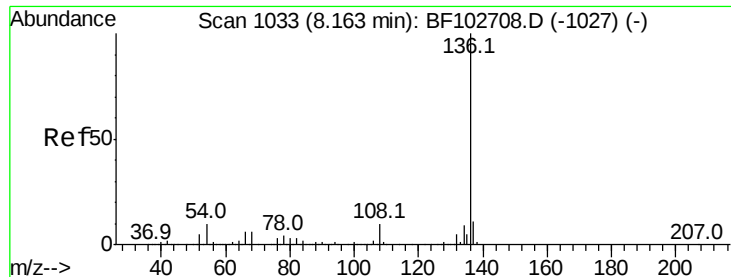
101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 821443

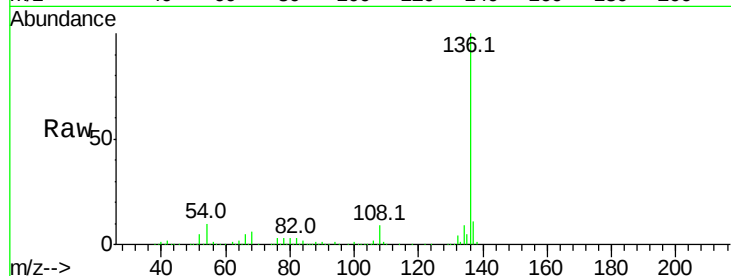
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.6 6.6 9.8

68 6.4 5.0 7.4

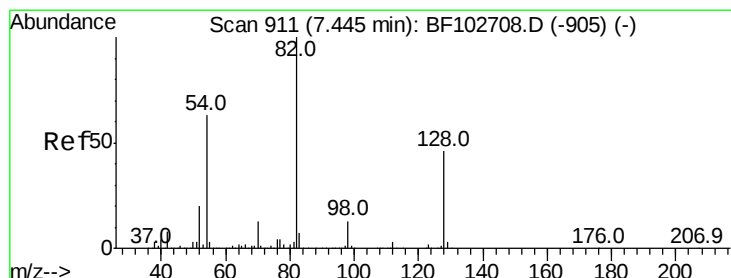
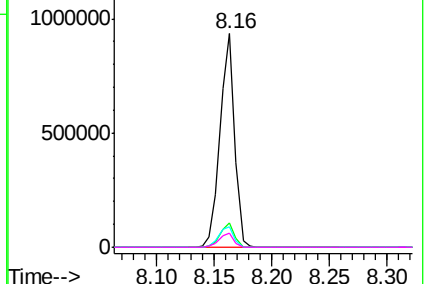
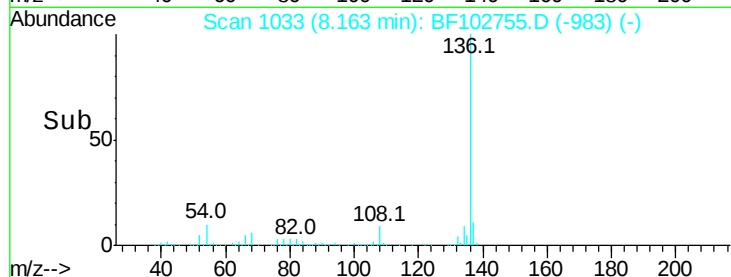


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 95.718 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

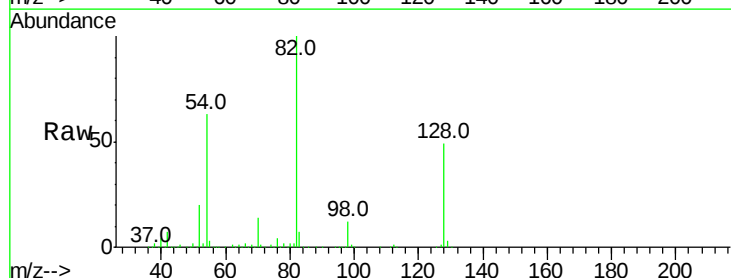
Tgt Ion: 82 Resp: 1133432

Ion Ratio Lower Upper

82 100

128 48.5 36.1 54.1

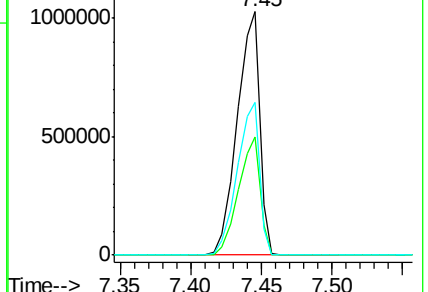
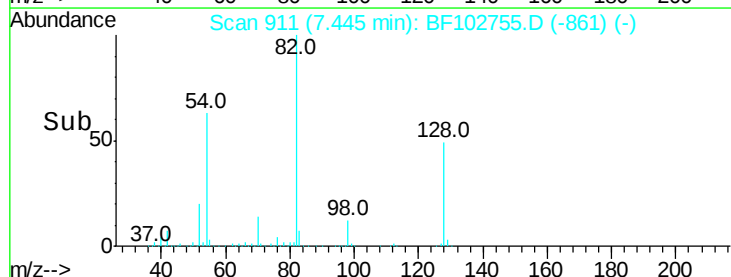
54 62.6 41.4 62.2#

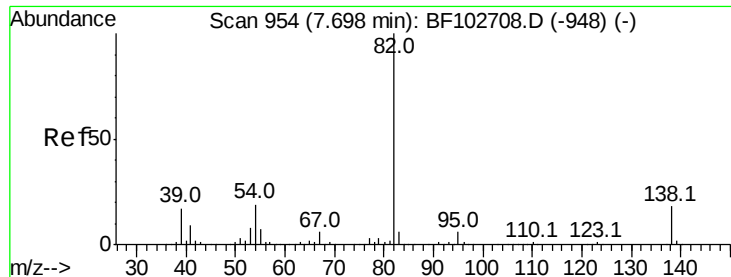


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.488 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

Instrument :

BNA_F

ClientSampleId :

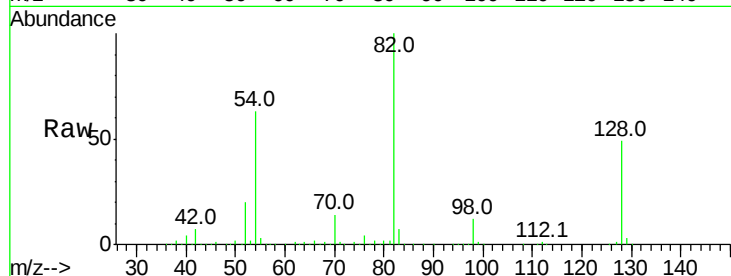
Tot Ion: 82 Resp: 1131239

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

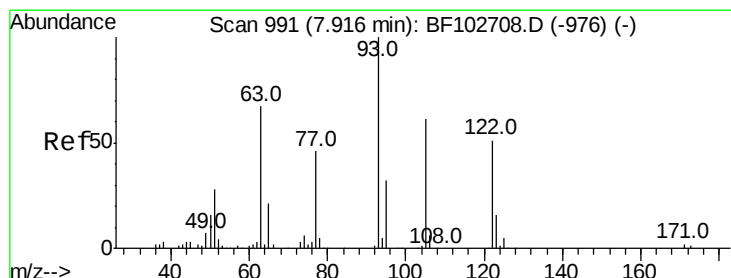
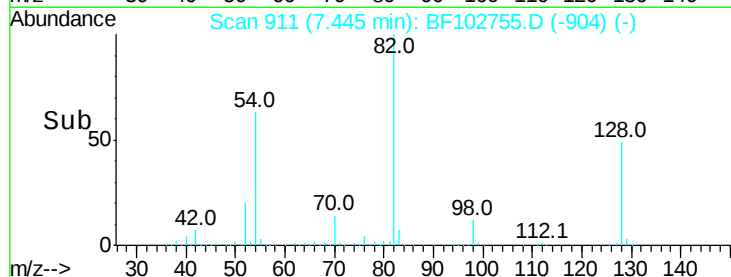
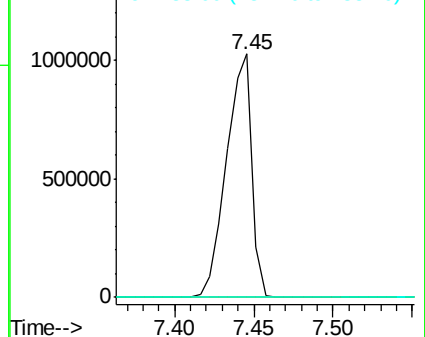
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 8.556 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.23 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

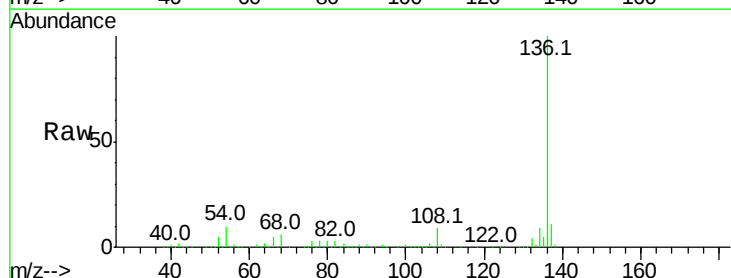
Tgt Ion:122 Resp: 114

Ion Ratio Lower Upper

122 100

105 168.8 101.1 141.1#

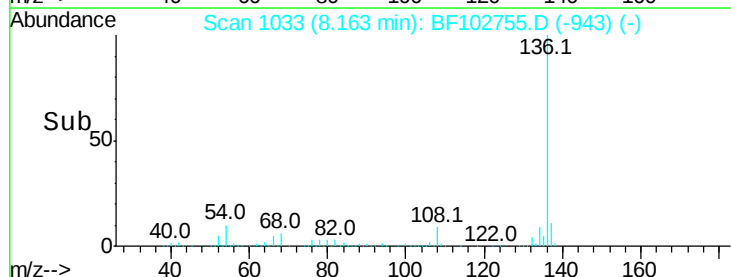
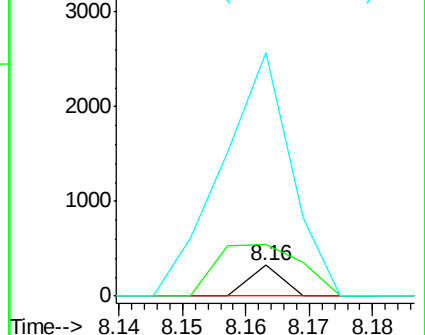
77 793.2 70.7 110.7#

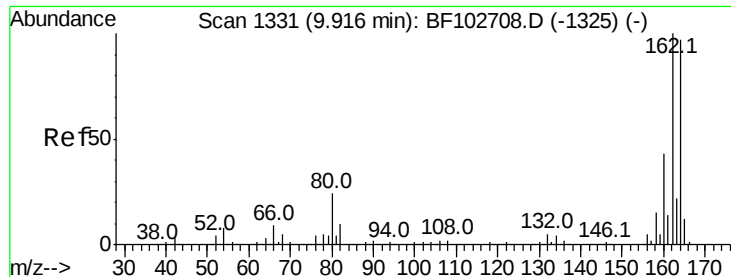


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

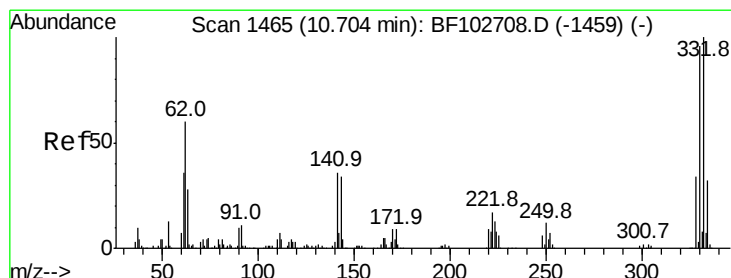
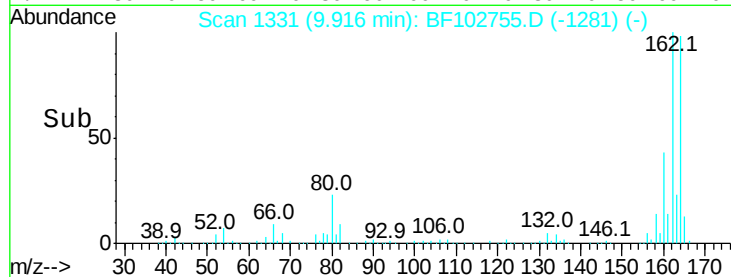
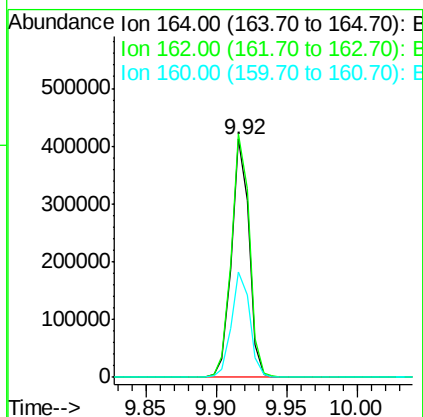
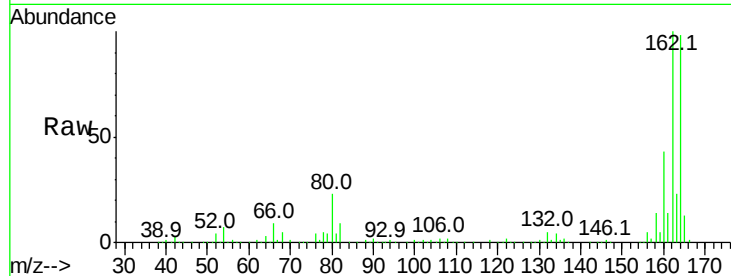




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF102755.D
 Acq: 5 Feb 2018 23:57

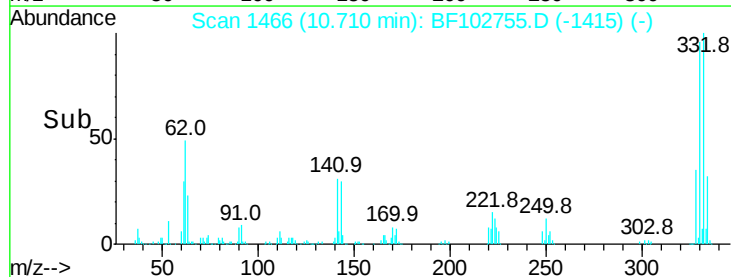
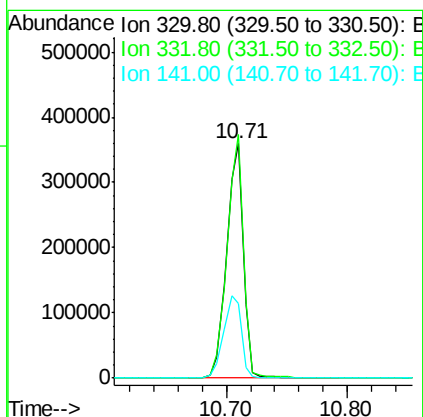
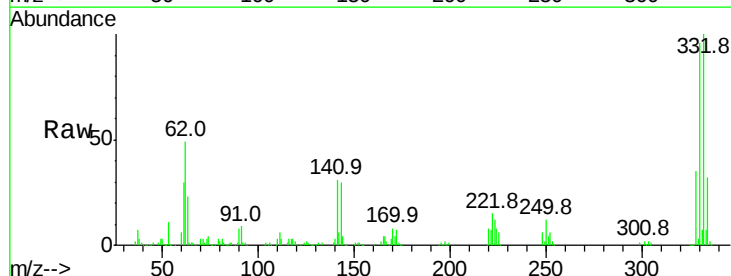
Instrument :
 BNA_F
 ClientSampleId :

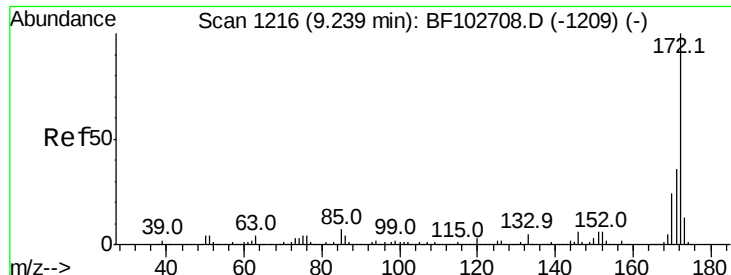
Tot Ion:164 Resp: 356650
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 44.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 120.379 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102755.D
 Acq: 5 Feb 2018 23:57

Tgt Ion:330 Resp: 345563
 Ion Ratio Lower Upper
 330 100
 332 101.9 77.0 115.6
 141 37.5 29.9 44.9

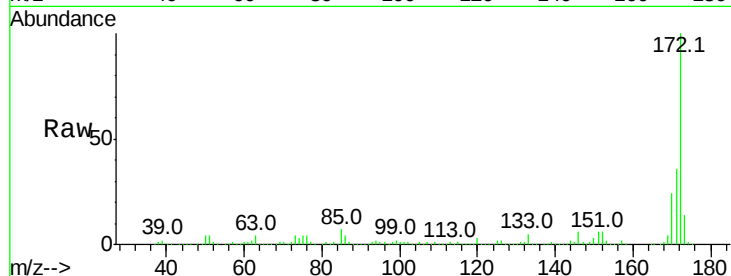




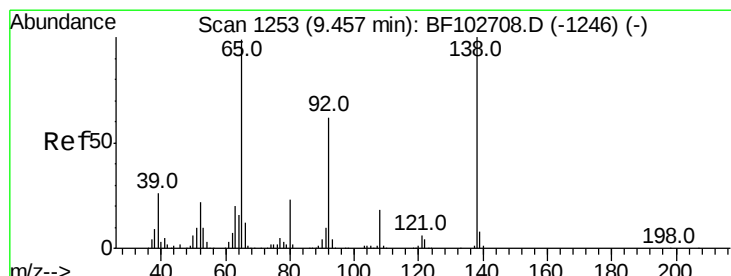
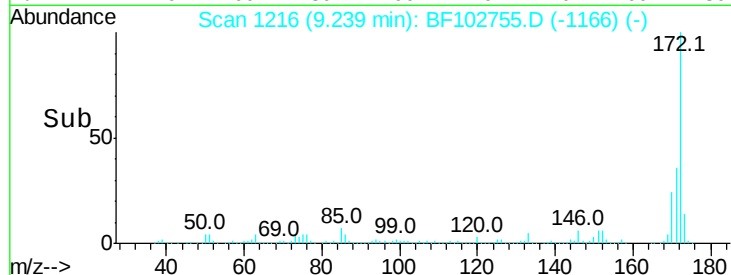
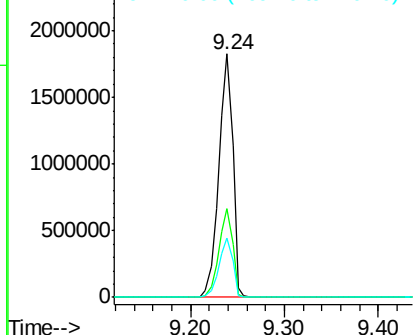
#44
 2-Fluorobiphenyl
 Concen: 88.751 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102755.D
 Acq: 5 Feb 2018 23:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1907549
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 19.6 29.4

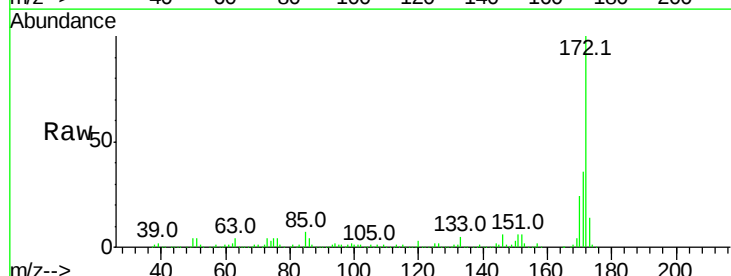


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

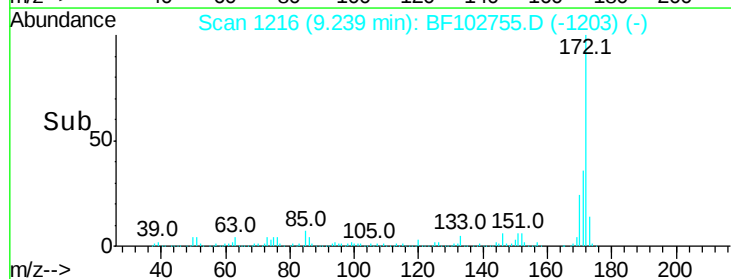
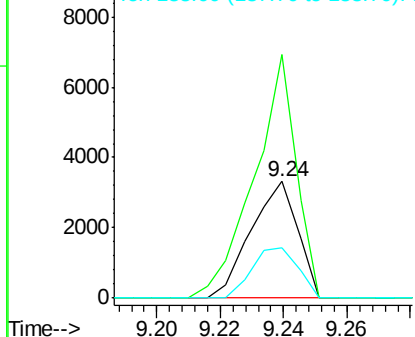


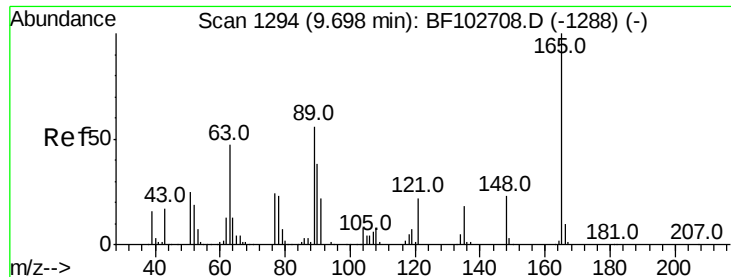
#47
 2-Nitroaniline
 Concen: 3.903 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.22 min
 Lab File: BF102755.D
 Acq: 5 Feb 2018 23:57

Tgt Ion: 65 Resp: 3390
 Ion Ratio Lower Upper
 65 100
 92 209.0 55.8 83.6#
 138 43.7 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

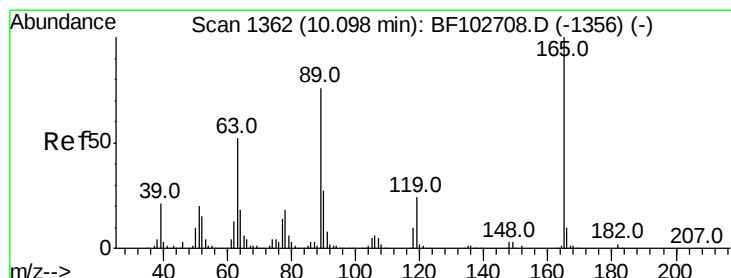
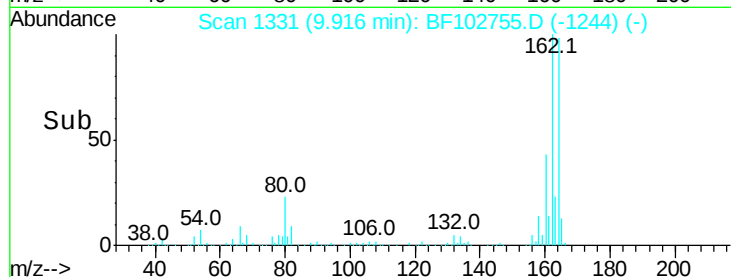
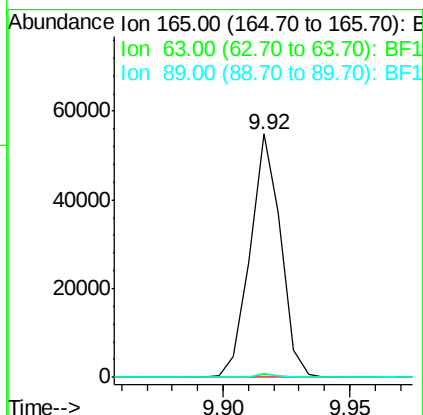
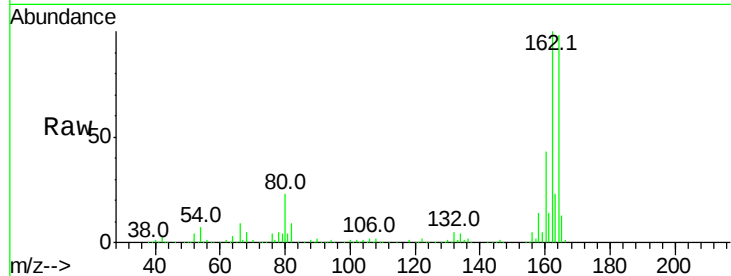




#50
 2,6-Dinitrotoluene
 Concen: 8.653 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF102755.D
 Acq: 5 Feb 2018 23:57

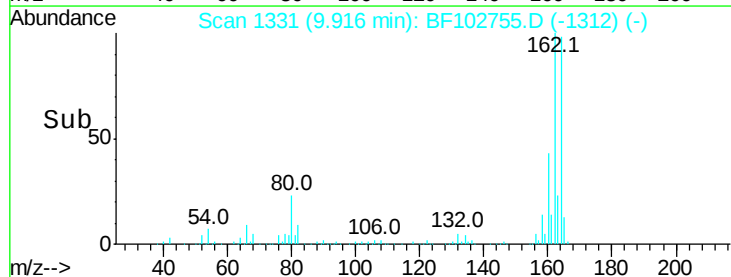
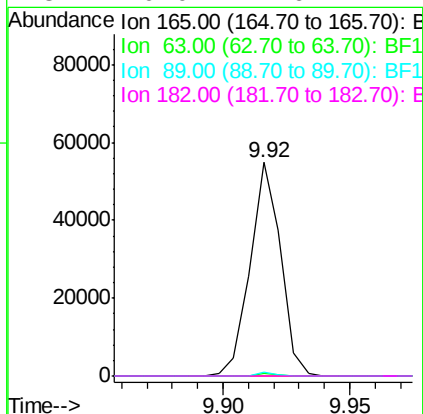
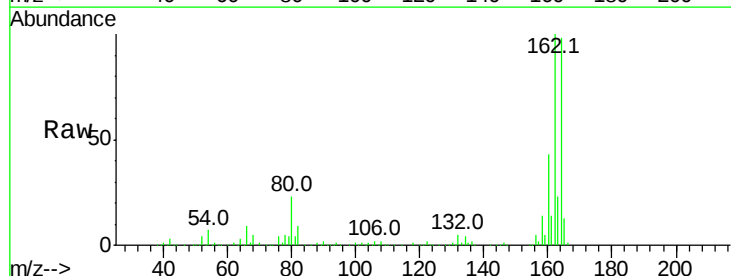
Instrument :
 BNA_F
 ClientSampleId :

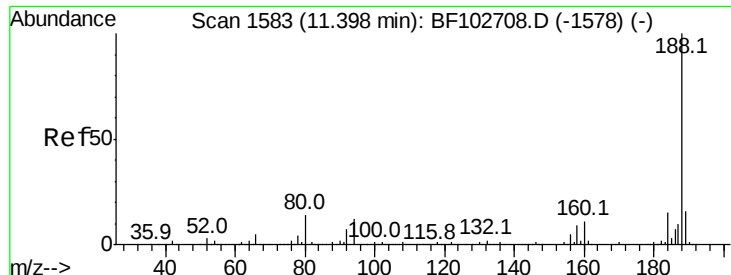
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 9.114 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF102755.D
 Acq: 5 Feb 2018 23:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

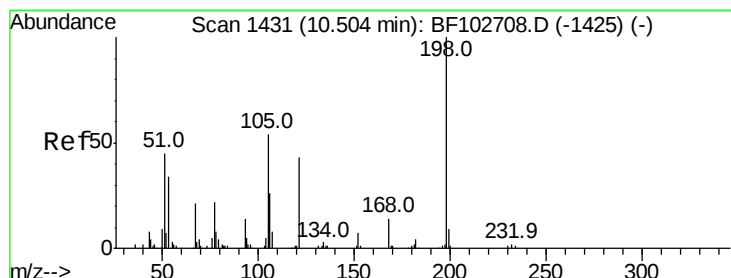
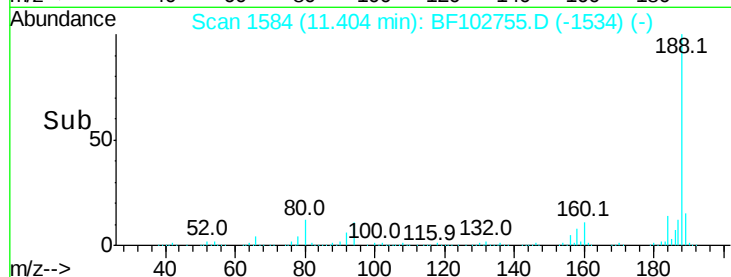
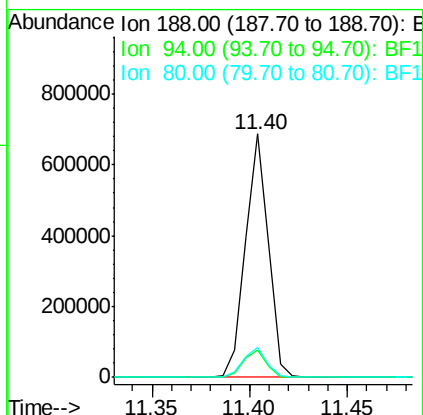
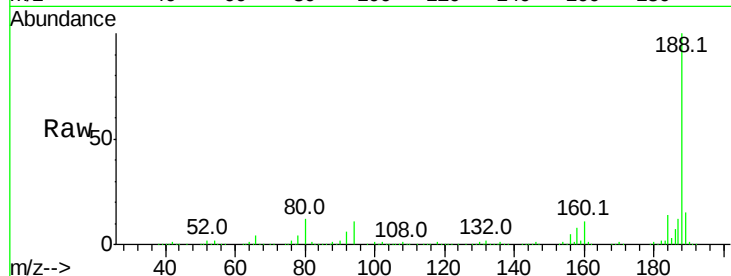




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102755.D
 Acq: 5 Feb 2018 23:57

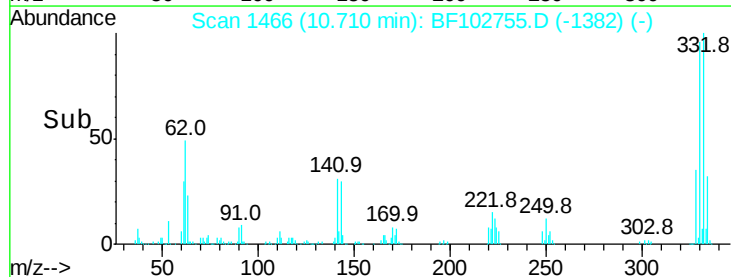
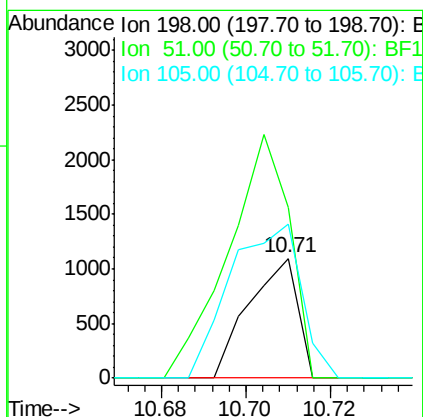
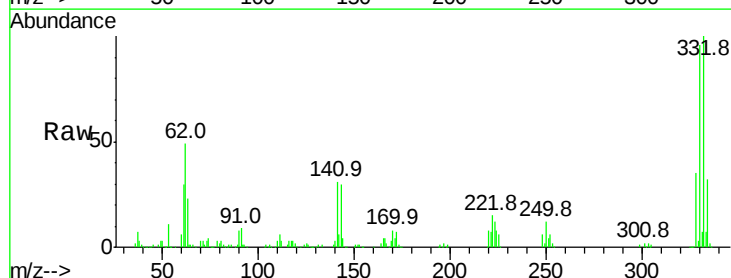
Instrument :
 BNA_F
 ClientSampleId :

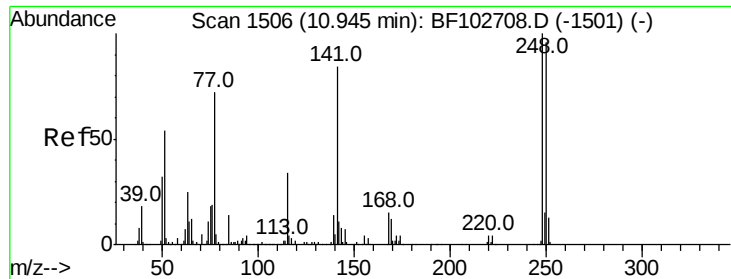
Tot Ion:188 Resp: 557088
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.146 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF102755.D
 Acq: 5 Feb 2018 23:57

Tgt Ion:198 Resp: 886
 Ion Ratio Lower Upper
 198 100
 51 142.6 37.7 77.7#
 105 128.5 36.3 76.3#

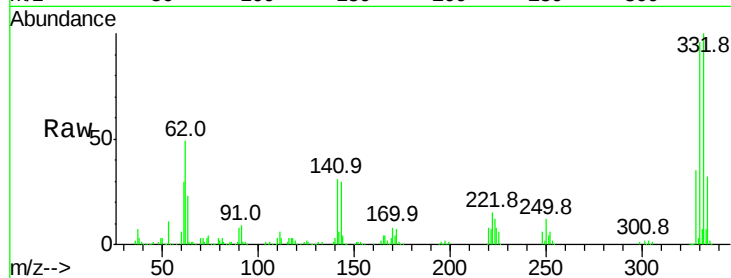




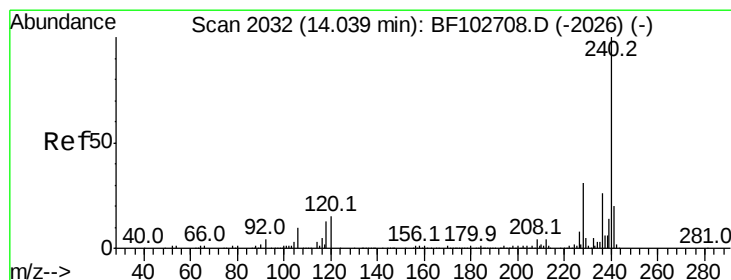
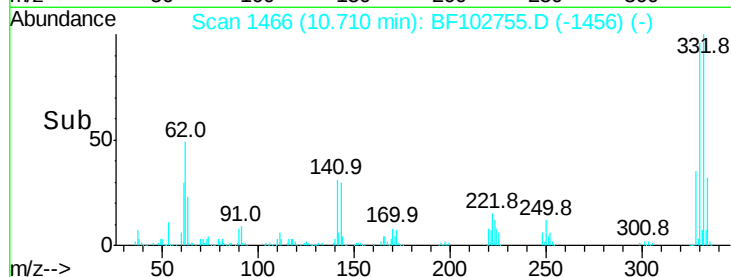
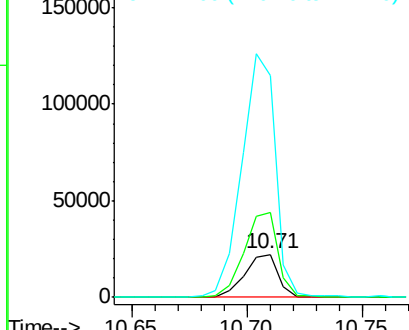
#66
4-Bromophenyl-phenylether
Concen: 3.834 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF102755.D
Acq: 5 Feb 2018 23:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 22594
Ion Ratio Lower Upper
248 100
250 196.5 76.9 115.3#
141 516.6 74.4 111.6#

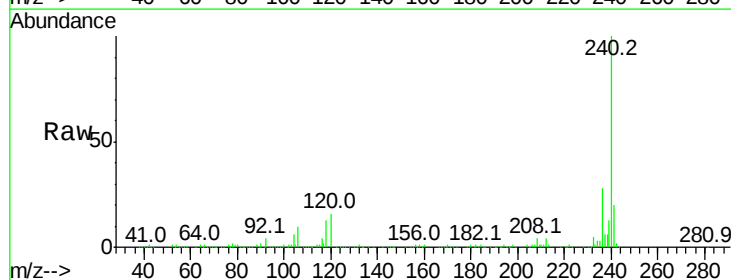


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

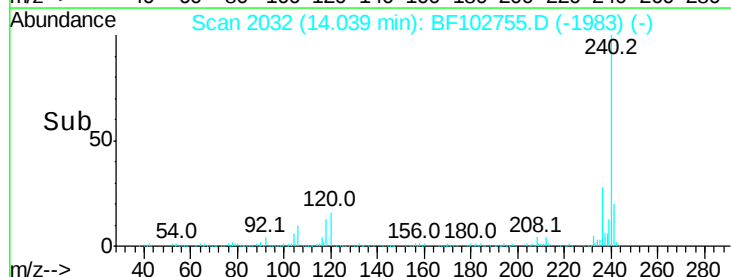
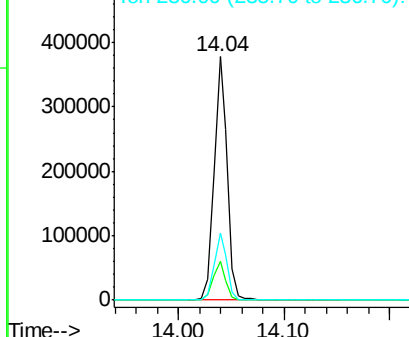


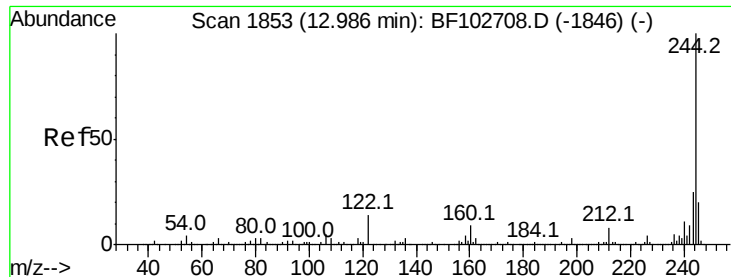
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF102755.D
Acq: 5 Feb 2018 23:57

Tgt Ion:240 Resp: 332544
Ion Ratio Lower Upper
240 100
120 16.0 9.5 14.3#
236 27.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.900 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

Instrument :

BNA_F

ClientSampleId :

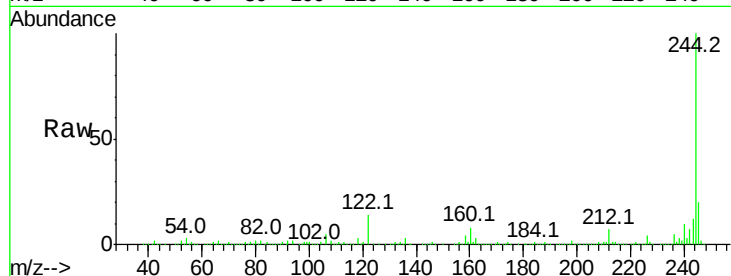
Tot Ion:244 Resp: 1374961

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

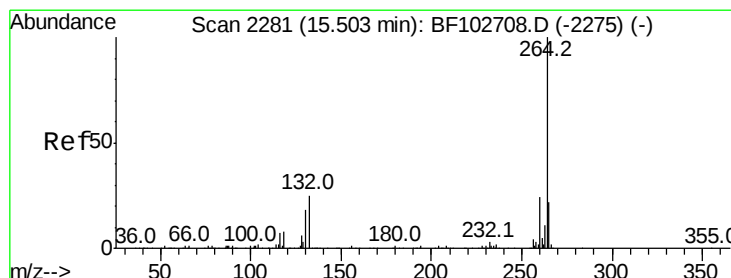
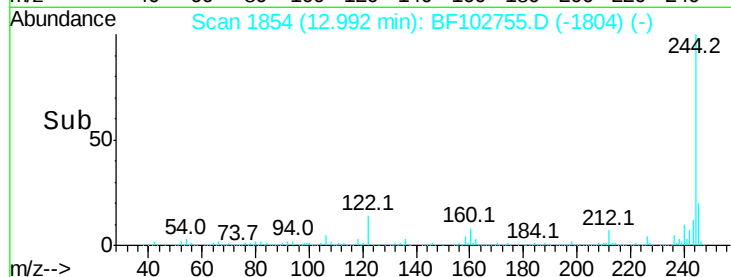
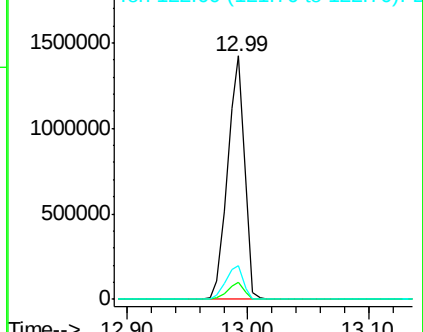
122 13.7 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF102755.D

Acq: 5 Feb 2018 23:57

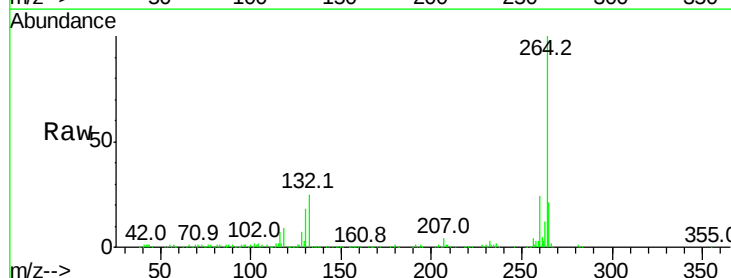
Tgt Ion:264 Resp: 304375

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

